

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031009.D
 Acq On : 15 Nov 2017 11:11
 Operator : SJ/JU
 Sample : I6449-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ADT-WC-01

Manual Integrations
 APPROVED

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 11/16/2017 6:29:27 PM

Quant Time: Nov 15 14:29:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	30339	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	113919	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	44553	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	198261	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	181952	20.00	ng	-0.02
86) Perylene-d12	25.08	264	15312m	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	239332	135.27	ng	0.00
7) Phenol-d6	7.31	99	210172	88.17	ng	0.00
23) Nitrobenzene-d5	9.31	82	199929	104.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	245974	341.29	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	622436	200.74	ng	-0.02
78) Terphenyl-d14	20.09	244	1336146	162.15	ng	-0.01

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

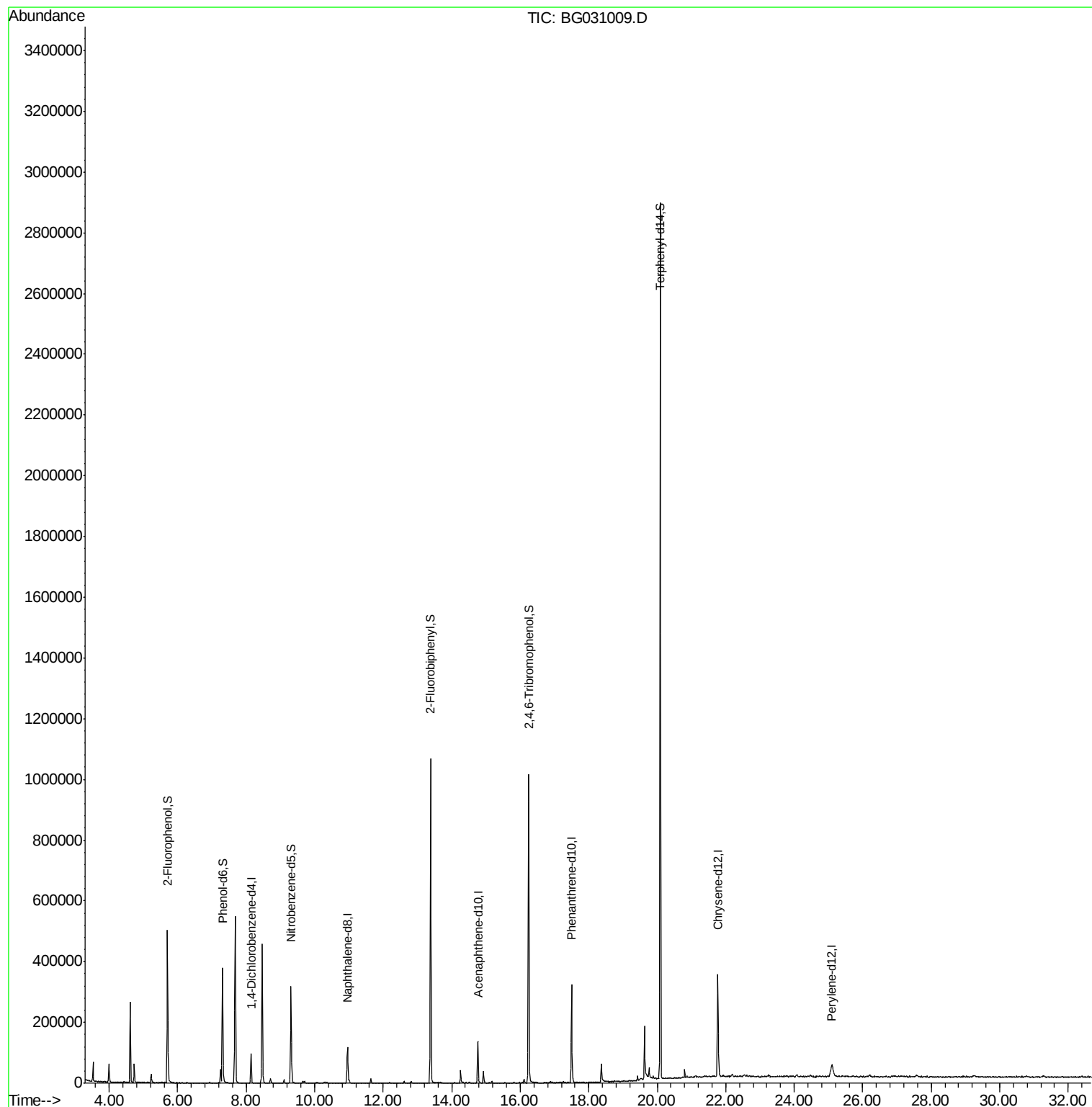
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031009.D
Acq On : 15 Nov 2017 11:11
Operator : SJ/JU
Sample : I6449-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

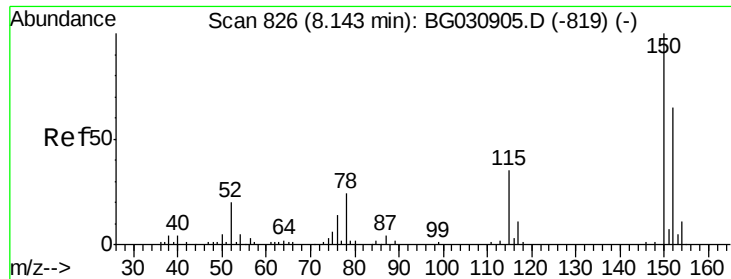
Instrument :
BNA_G
ClientSampleId :
ADT-WC-01

Manual Integrations
APPROVED

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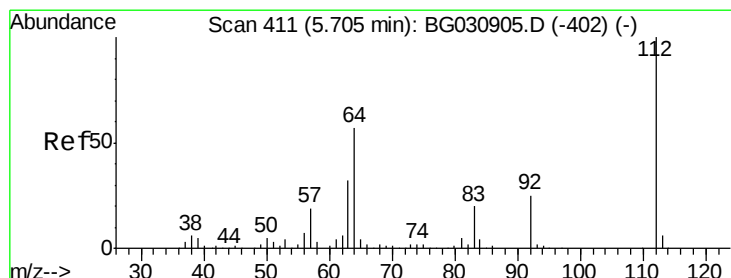
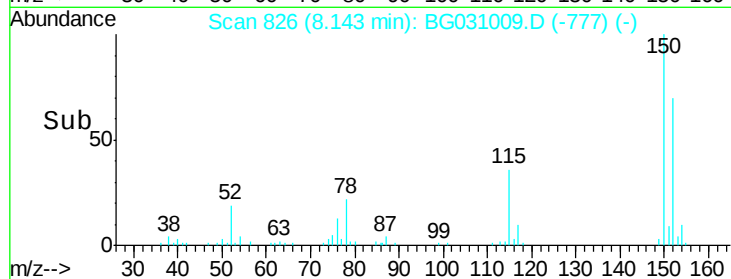
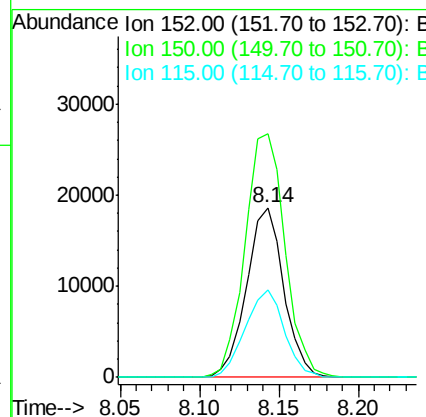
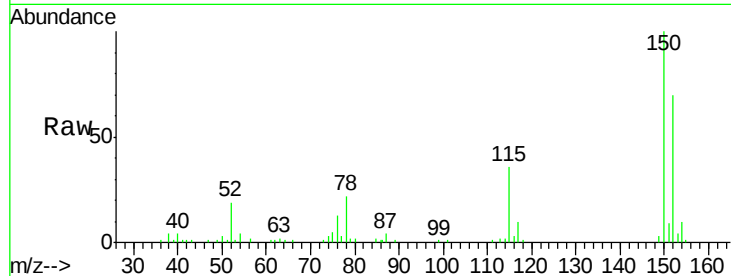
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Instrument :
BNA_G
ClientSampleId :
ADT-WC-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	51.2	53.0	79.4#

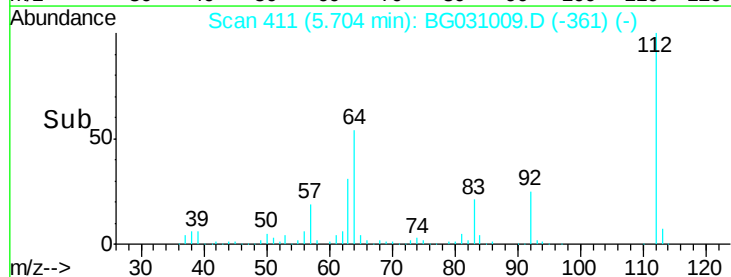
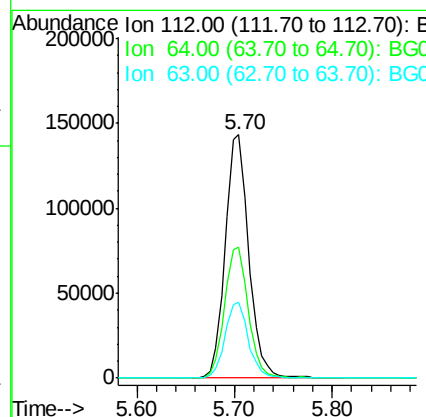
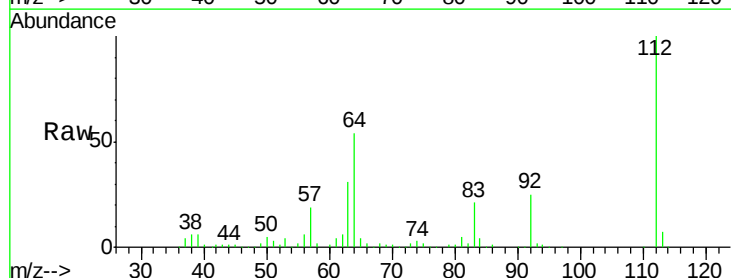
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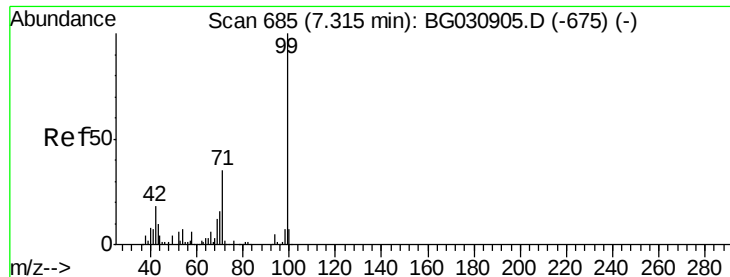
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#5
2-Fluorophenol
Concen: 135.270 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	56.3	84.5#
63	31.3	30.1	45.1





#7

Phenol-d6

Concen: 88.174 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031009.D

Acq: 15 Nov 2017 11:11

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01

Tgt Ion: 99 Resp: 210172

Ion Ratio Lower Upper

99 100

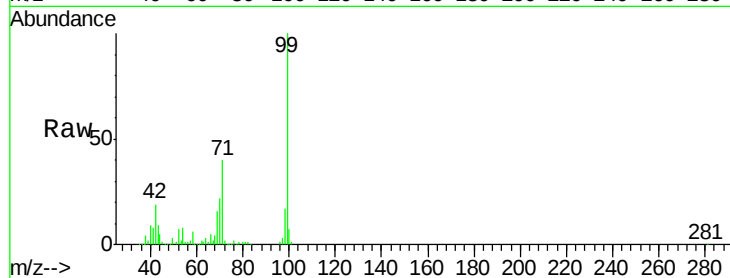
42 19.3 14.1 21.1

71 40.4 26.1 39.1#

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.31

150000

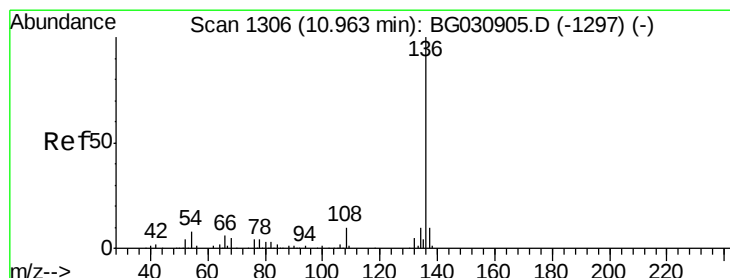
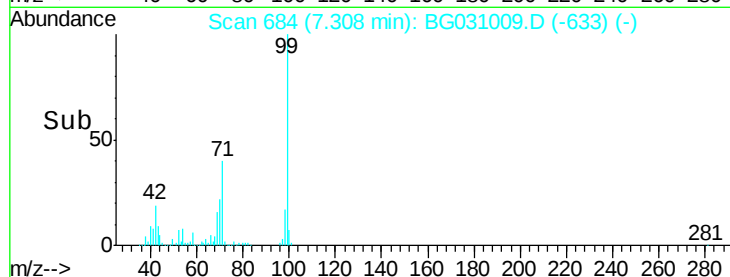
100000

50000

0

7.20 7.30 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031009.D

Acq: 15 Nov 2017 11:11

Tgt Ion: 136 Resp: 113919

Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.2 10.3 15.5#

68 3.6 4.5 6.7#

Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

10.96

80000

60000

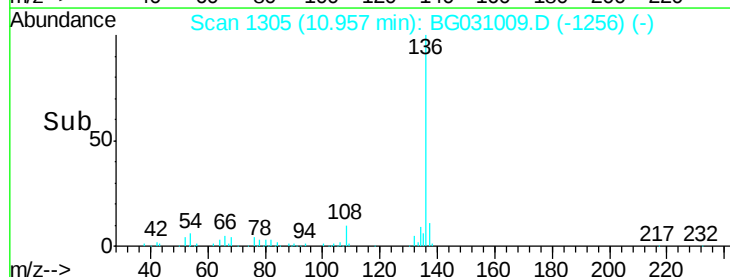
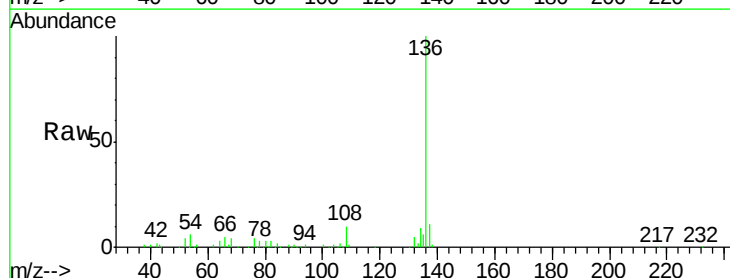
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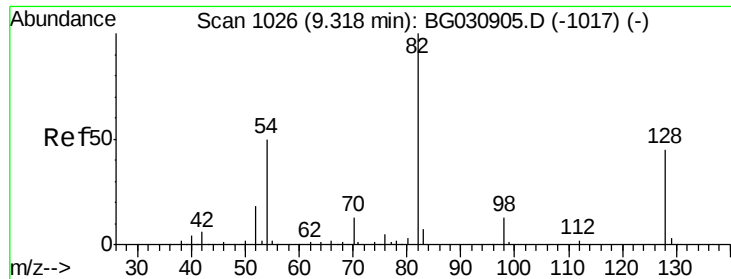
20000

0

10.90 11.00 11.10

Time-->





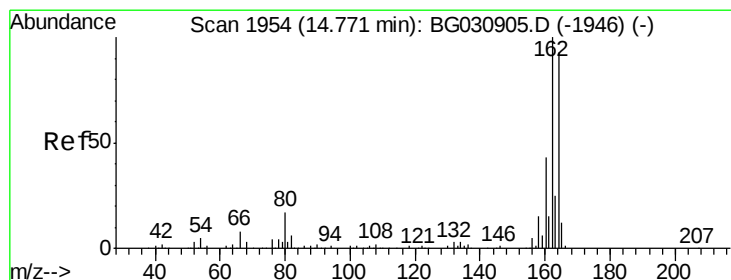
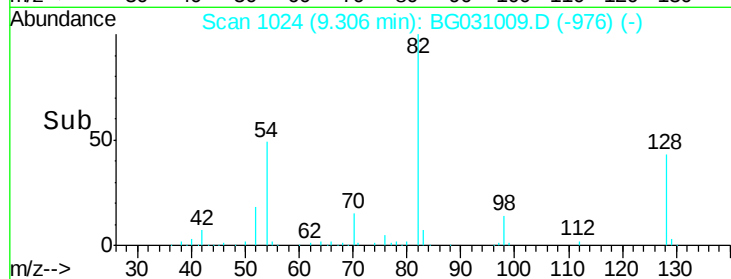
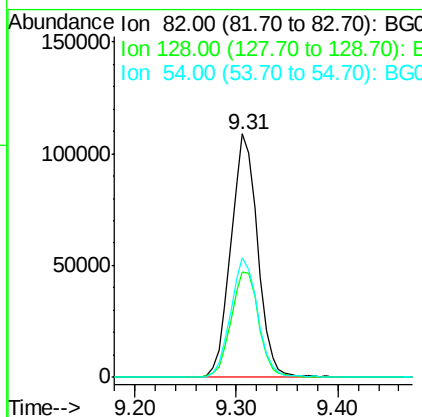
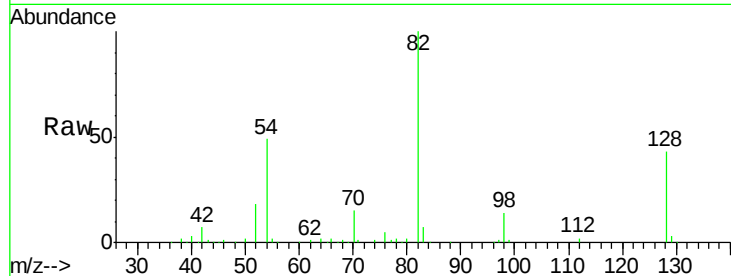
#23
Nitrobenzene-d5
Concen: 103.995 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Instrument :
BNA_G
ClientSampled :
ADT-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	199929		
128	43.5	29.7	44.5	
54	48.8	43.1	64.7	

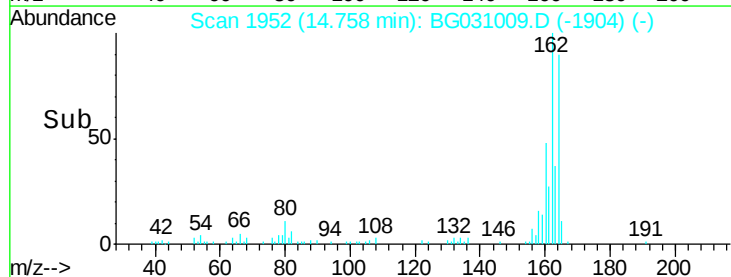
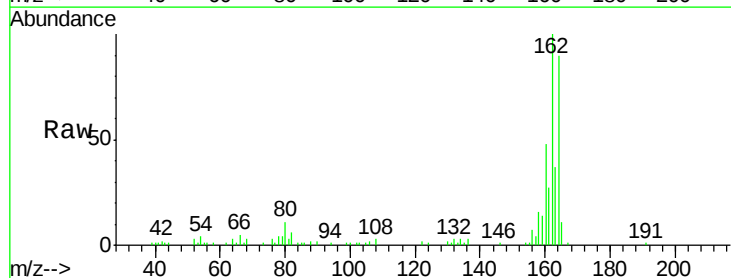
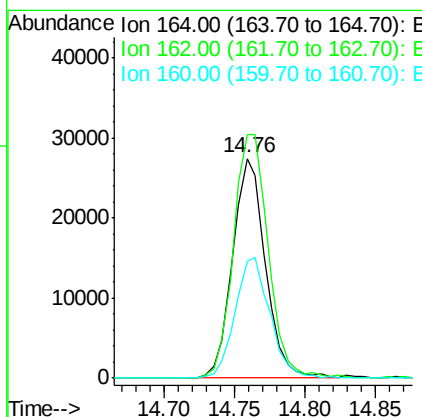
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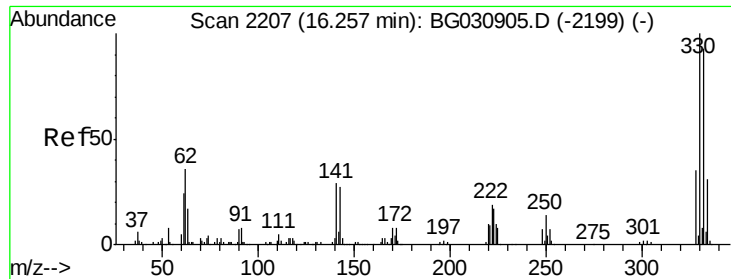
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44553		
162	110.8	78.8	118.2	
160	53.1	35.4	53.0#	





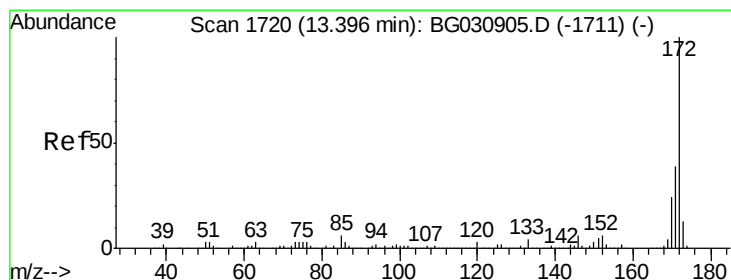
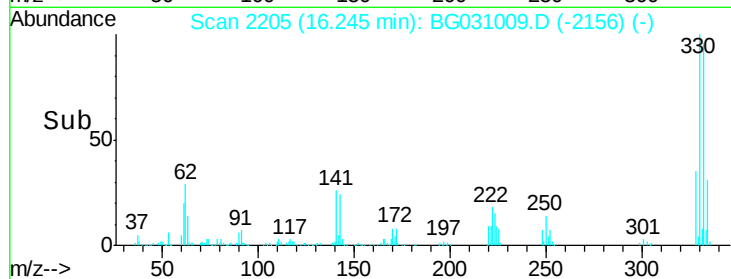
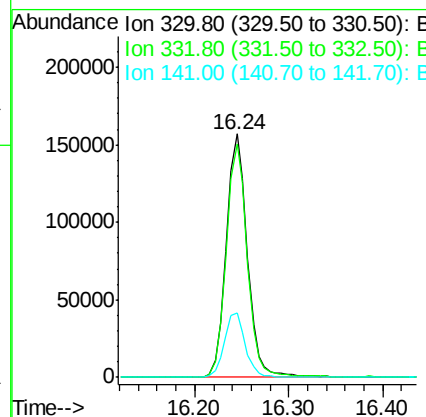
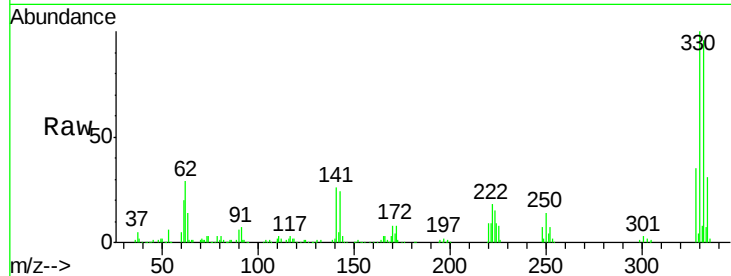
#41
 2,4,6-Tribromophenol
 Concen: 341.288 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031009.D
 Acq: 15 Nov 2017 11:11

Instrument :
 BNA_G
 ClientSampleId :
 ADT-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245974		
332	96.3	77.0	115.6	
141	26.6	25.2	37.8	

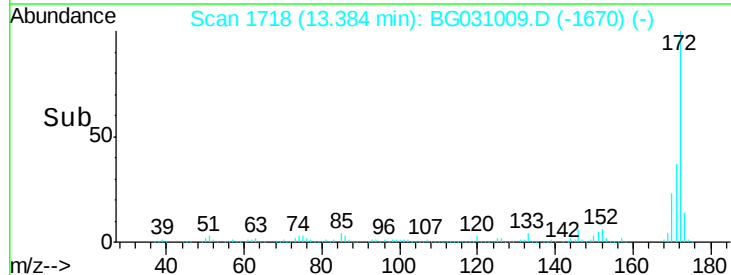
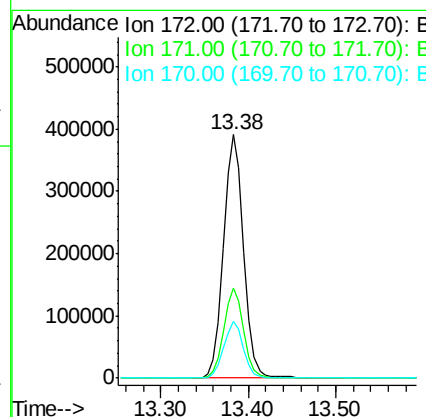
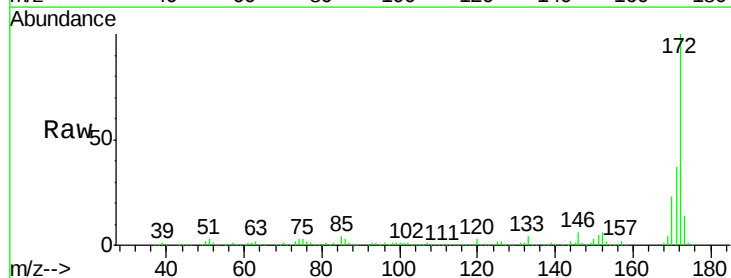
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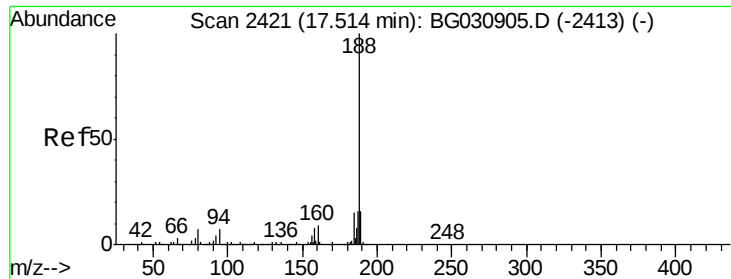
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#44
 2-Fluorobiphenyl
 Concen: 200.743 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031009.D
 Acq: 15 Nov 2017 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	622436		
171	36.7	30.0	45.0	
170	23.1	19.5	29.3	





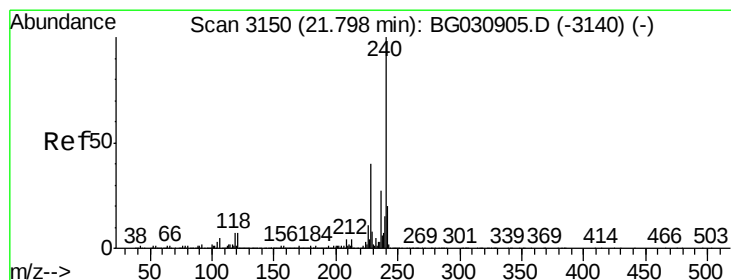
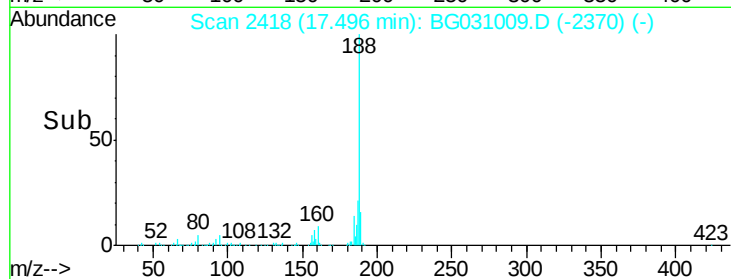
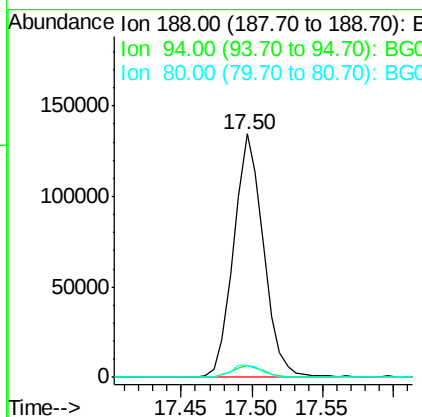
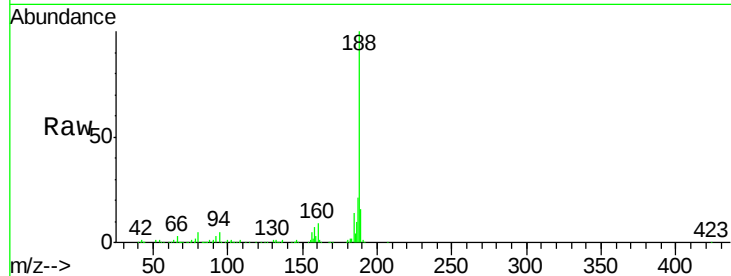
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Instrument :
BNA_G
ClientSampleId :
ADT-WC-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.8	6.9	10.3#
80	5.0	7.7	11.5#

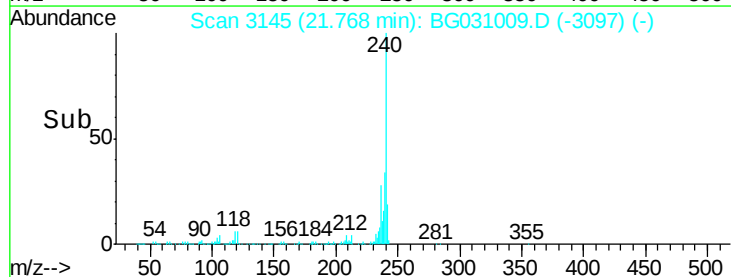
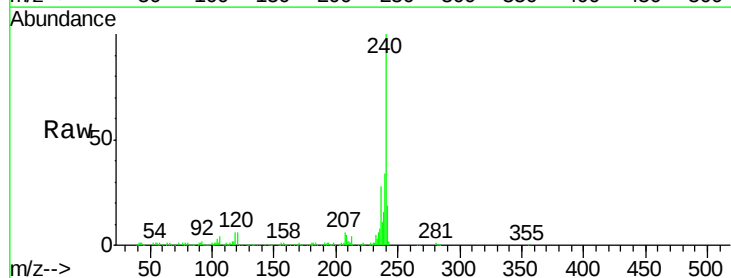
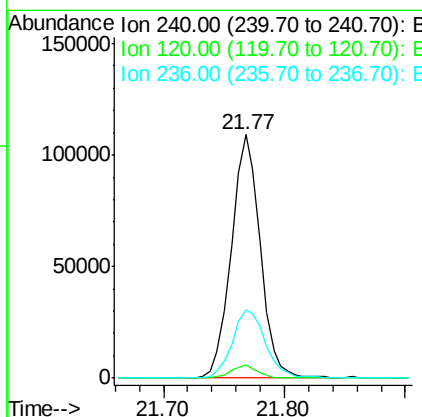
Manual Integrations
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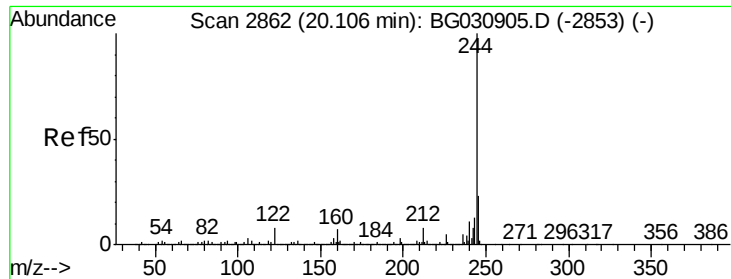
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031009.D
Acq: 15 Nov 2017 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.6	6.8	10.2#
236	27.8	20.9	31.3





#78

Terphenyl-d14

Concen: 162.149 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031009.D

Acq: 15 Nov 2017 11:11

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01

Tgt Ion:244 Resp: 1336146

Ion Ratio Lower Upper

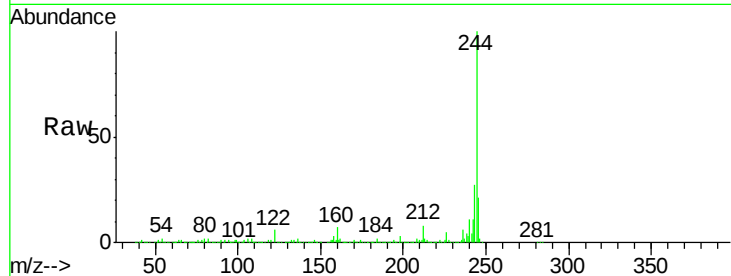
244 100

212 7.6 5.8 8.8

122 5.9 7.0 10.4#

Manual Integrations
APPROVED

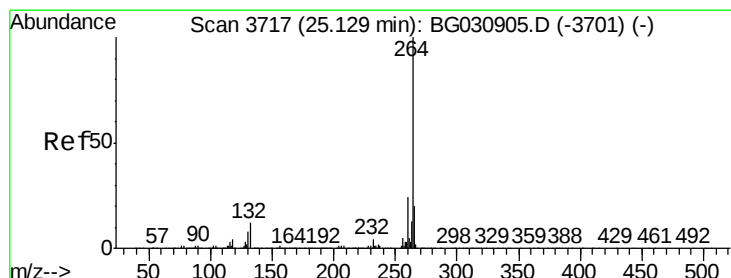
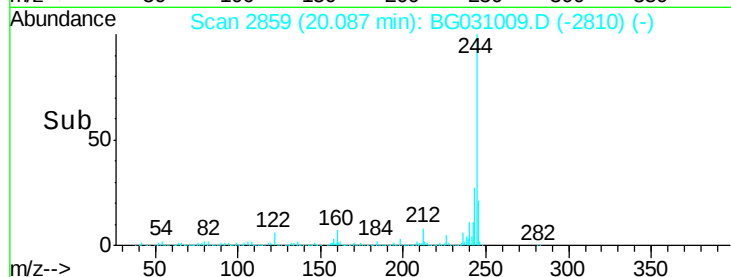
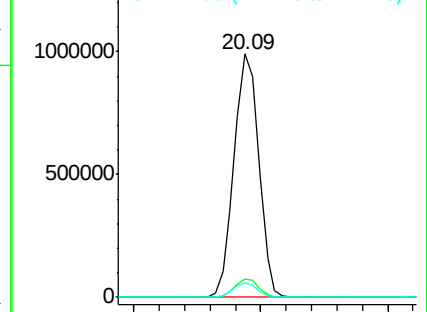
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng m

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG031009.D

Acq: 15 Nov 2017 11:11

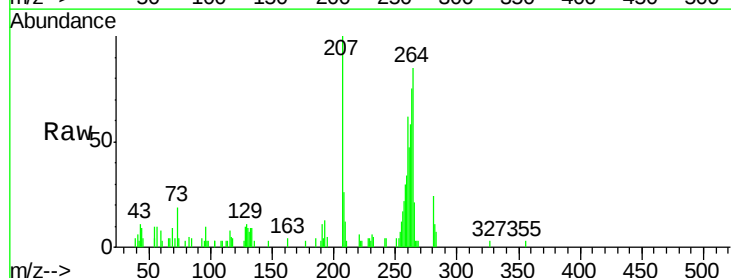
Tgt Ion:264 Resp: 15312

Ion Ratio Lower Upper

264 100

260 72.6 17.4 26.0#

265 24.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

